

PHUS030341WO

PCT/IB2004/051816

CLAIMS:

1. A system (100) for healthcare monitoring of a person, the system comprising:
 - a set-top-box (102) operatively connected to at least one of a television display (104) and speaker (106), the set-top-box (102) being further operatively connected to a network (110, 114); and
 - one or more wireless sensors (108) for measuring a healthcare characteristic of the person and transmitting the same to the set-top-box (102), the one or more wireless sensors (108) being wirelessly connected to the set-top-box (102).
2. The system of claim 1, wherein the network is the Internet (110).
3. The system of claim 1, further comprising a remote station (124) operatively connected to the set-top-box through the network (110), wherein the healthcare characteristic is transmitted from the set-top-box (102) to the remote station (124) via the network (110).
4. The system of claim 3, wherein the remote station (124) is a location of a medical professional.
5. The system of claim 3, further comprising at least one medical equipment (128) having at least one function under the control of the set-top-box (102) via the remote station (124).
6. The system of claim 1, wherein the set-top-box (102) having means (112) for contacting a medical professional other than through the network (110).
7. The system of claim 6, further comprising a remote station (124) operatively connected to the set-top-box (102) through the network (110), wherein an instruction for contacting the medical professional originates at the remote station (124).
8. The system of claim 1, wherein the set-top-box (102) having means (120) for alerting the person on one of the television display (104) and speaker (106) of at least one of a type of medication to take, a dose of medication to take, and a description of medication to take.
9. The system of claim 3, further comprising at least one video camera (130) operatively connected to the set-top-box (102) for transmitting a video signal of the person to the remote station (124).

PHUS030341WO

PCT/IB2004/051816

10. The system of claim 4, further comprising at least one video camera (132) operatively connected to the location of the medical professional for transmitting a video signal of the medical professional to the set-top-box (102) for display on the television display (104).

11. A method for healthcare monitoring of a person, the method comprising:

operatively connecting a set-top-box (102) to a network and to at least one of a television display (104) and speaker (106); and

wirelessly transmitting a healthcare characteristic of the person from one or more wireless sensors (108) to the set-top-box (102).

12. The method of claim 11, wherein the operatively connecting comprises connecting the set-top-box (102) to the Internet (110).

13. The method of claim 11, further comprising operatively connecting the set-top-box (102) to a remote station (124) through the network (110), wherein the healthcare characteristic is transmitted from the set-top-box (102) to the remote station (124) via the network (110).

14. The method of claim 13, wherein the operatively connecting of the set-top-box (102) to the remote station (124) comprises connecting the set-top-box (102) to a medical professional.

15. The method of claim 13, further comprising controlling at least one function of a medical equipment (128) from the set-top-box (102) via the remote station (124).

16. The method of claim 11, further comprising contacting a medical professional from the set-top-box (102) other than through the network (110).

17. The method of claim 16, wherein the remote station (124) is operatively connected to the set-top-box (102) through the network (110), wherein the contacting comprises issuing an instruction for contacting the medical professional from the remote station (124).

18. The method of claim 11, further comprising alerting the person on one of the television display (104) and speaker (106) from the set-top-box (102) of at least one of a type of medication to take, a dose of medication to take, and a description of medication to take.

PHUS030341WO

PCT/IB2004/051816

10

19. The method of claim 13, further comprising transmitting a video signal of the person from the set-top-box (102) to the remote station (124).

20. The method of claim 14, further comprising transmitting a video signal of the medical professional from the remote station (124) to the set-top-box (102) and displaying the video signal on the television display (104).

21. The method of claim 11, further comprising wirelessly transmitting the healthcare characteristic to an ambulance over a wireless network (114).

22. The method of claim 11, further comprising:
storing a period of the healthcare characteristic in a memory (116) in the set-top-box (102); and
retrieving at least a portion of the stored healthcare characteristic from the memory (116) for diagnosis of the person.